

From: [Larryafd](#)
To: [Harrington, Dwayne](#)
Subject: Re: Vineland Ice and Storage
Date: Saturday, July 9, 2016 8:04:55 AM

Thanks

Larry

Sent from my iPhone

On Jul 8, 2016, at 8:19 PM, Harrington, Dwayne <Harrington.Dwayne@epa.gov> wrote:

I may have already sent you this

Email from structural engineer

Sent from my iPhone

Begin forwarded message:

From: "Harrington, Dwayne" <Harrington.Dwayne@epa.gov>
Date: July 8, 2016 at 1:42:34 PM EDT
To: "Carl, Anthony" <Anthony.Carl@dep.nj.gov>, "Gary.Pearson@dep.nj.gov" <Gary.Pearson@dep.nj.gov>, "Manuel, James" <James.Manuel@dep.nj.gov>, "VanFossen, Robert" <Robert.VanFossen@dep.nj.gov>
Subject: FW: Vineland Ice and Storage

Email from structural engineer for insurance company

From: Jody DeMarco [<mailto:jody.demarco@fc-na.com>]
Sent: Friday, July 08, 2016 10:02 AM
To: Harrington, Dwayne <Harrington.Dwayne@epa.gov>
Subject: Vineland Ice and Storage

Dwayne,

As a concerned professional engineer I want to discuss with you and make you aware of potential hazards at the Vineland Ice Storage facility.

In 2014 I was hired by the facilities insurance company to investigate the roof. I found the roof was in poor condition and required repairs and/or shoring.

According to a recent news article EPA is going to remove an estimated 12,000 pounds of ammonia from the refrigeration system. I am assuming this will basically defrost the facility and all the ice within the building will melt.

My concerns are:

1. Currently the failed roof members are encased in ice. A thaw of the building will likely result in collapse of the roof.
2. Collapse of the roof may cause the coolant coils attached to the roof framing to rupture thereby causing an uncontrolled escape of ammonia.
3. Thawing of the building will result in vast amounts of potentially contaminated water.

Please call me at 856-780-5658 or on my cell phone at [609-970-7665](tel:609-970-7665) to discuss.

Sincerely,

--

Jody DeMarco, P.E.

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